SignBOX II

LED illumination for single or
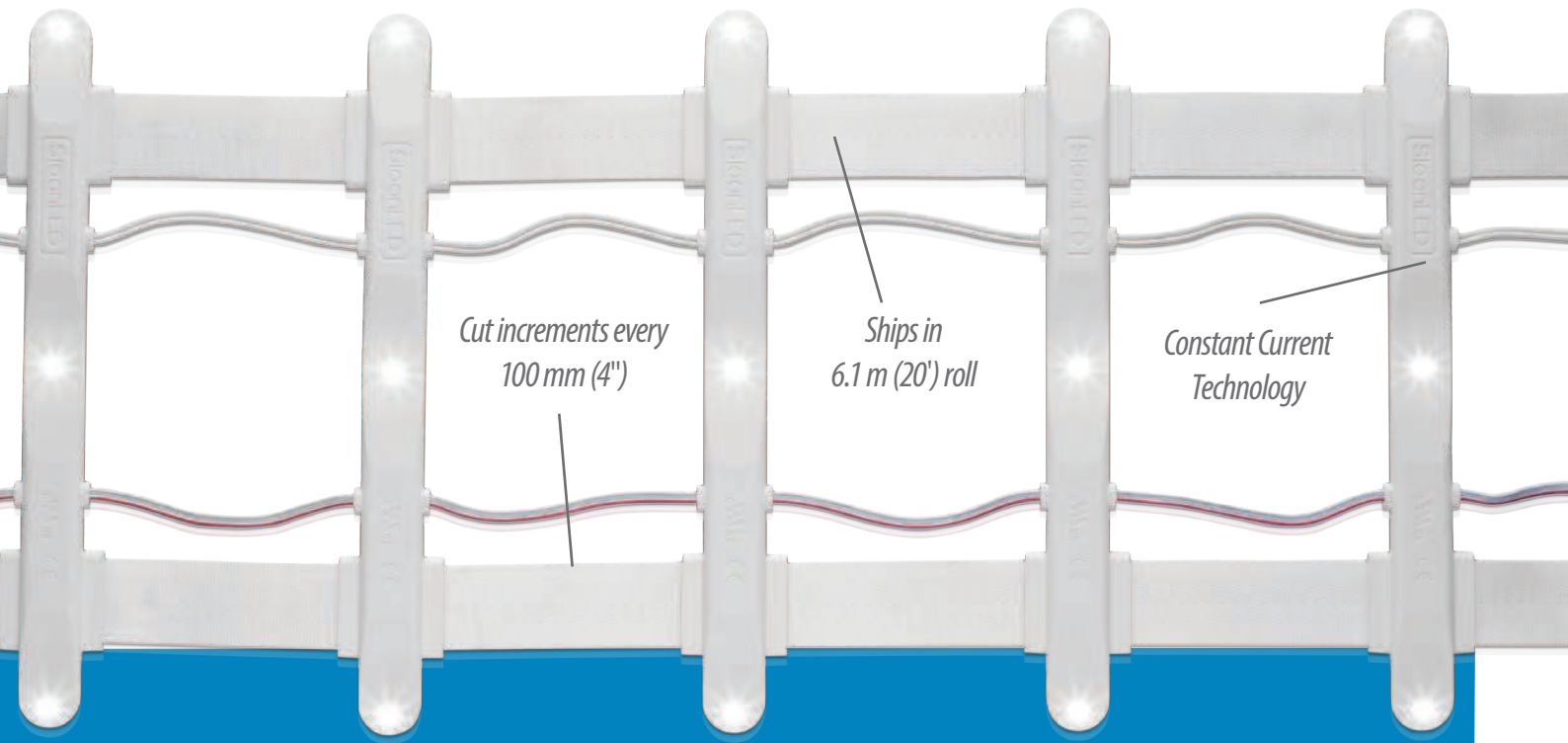double-sided sign boxes

We Brighten
Your Brands.

MARLITE UK
LIGHTING SOLUTIONS

Out of the box brilliance.

SignBOX II™ creates the perfect grid of light for optimum, even illumination. Designed for new or retrofit sign cabinets with depths of over 125 mm (5"), and available in single or double-sided options. Unlike other box lighting solutions, with modules mounted on a carrier panel, SignBOX II eliminates the need for a mounting substrate, saving both time and money during the installation process.

Cut increments every 100 mm (4")

Ships in 6.1 m (20') roll

Constant Current Technology

- Mounted on flexible straps for easy transportation and installation, saving time and money
- Secures to existing fluorescent wireways or sign structure

- Available in single and double-sided options
- Illuminates 125 mm (5") from face
- Constant Current Technology (CCT)

Thinking inside the box.

SloanLED offers brilliant sign lighting solutions for single and double-sided, narrow to large, new and retrofit, box and cloud signs. Our products are designed and engineered with sign makers in mind, to provide bright, even illumination, incredible ROI, and fast, easy installation. We spend our time inside the box, to provide lighting solutions that go beyond the box to brighten your bottom line.

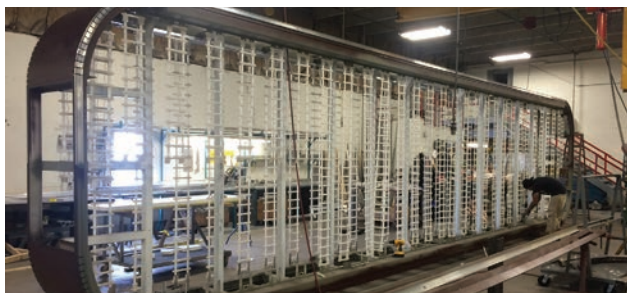| Product	Description
SignBOX RapidStick	Ideal for rapid retrofits of single and double-sided fluorescent cabinets – typically 200 mm (8") from sign face
SignBOX II	Ideal for single or double-sided new cabinets or retrofits as close as 125 mm (5") from sign face
PosterBOX	Side illuminated lighting for shallow to standard cabinets 100 mm (4") to 200 mm (8") in depth
PosterBOX Slim 2	Side illuminated lighting for slim or shallow cabinets as narrow as 50 mm (2") in depth (single and double-sided)
PosterBOX 3	Bright, even illumination in large cabinets with depths as shallow as 75 mm (3") for single-sided applications, and 100 mm (4") for double-sided applications

For more information on our Sign Cabinet/Box collection of products, visit **SloanLED.com**.

We're on a power trip.

Constant Current Technology (CCT) is at the heart of SloanLED's product offering, and forms the backbone of SloanLED channel letter products. We introduced CCT to the industry to maintain consistent current levels, eliminating the line loss and voltage drop issues common in many LED lighting systems. CCT provides uniform light output throughout the entire installation, while also preventing damage from overdriving of the LEDs.

Space to breathe.

SignBOX II provides flexibility, to accommodate a variety of scenarios with single or double-sided options, and the ability to cut the product every 100 mm (4"), allowing you to avoid costly site surveys and illuminate only what is needed.

SignBOX II is recommended for installation 300 mm (12") on center for depths of 125 - 150 mm (5 - 6") from face, as this yields the same brightness as a fluorescent lit cabinet; however, in deeper cabinets at 200 - 230 mm (8 - 9") from face, the spacing may be spread further to 350 - 400 mm (14 - 16") on center, saving product, time, and money.

Chipotle installation photo courtesy of: Adcon, Ft. Collins.

There's no substitute for quality.

Other LED manufacturers use cheaper components and maximize the potential brightness of their products at the expense of longevity; overdriving the LEDs for instant gratification while sacrificing sustainability and endurance. SloanLED uses the highest caliber components in order to offer you a superior product with the longest lifespan.

SignBOX II

Specifications

Part number .... Single-sided..........6500 K 701946-6WS201
Single-sided.........5000 K 701946-5WS201
Double-sided ....6500 K 701946-6WD201
Double-sided ....5000 K 701946-5WD201

Dimensions L × W × H .... 216 mm × 26 mm × 8 mm
(8.5 in × 1.0 in × 0.3 in)
60 modules per 6.1 m (20 ft) chain

Viewing angle .... 120°

LEDs per module .... Single-sided.........3
Double-sided 6

Modules per meter (foot) 10 (3)

Coverage per row .... 300 mm (12 in)

Optimal light throw..................... 125 - 300 mm (5 - 12 in) from face

Operating temperature.............. -40° C to +70° C

Protection class IP66

Life rating .... >60,000 hours

Special feature............................. Cuttable in 100 mm (4 in) increments

Power per module........................ Single-sided..........0.90 W
Double-sided ....1.80 W

Efficacy .... 117 lm/W

Power capacity .... **Per SloanLED 60 W 12 VDC power supply**
Single-sided.........60 modules
Double-sided ....30 modules

Fastening .... Clamps with mechanical fasteners

Packaging .... 60 modules per carton, 8 clamps included

Color temperatures .... 6500 K, 5000 K

Lumens per module..................... Single-sided..........105
Double-sided 210

Mounting hardware .... Bracket................Bag of 10 401309-10
Clamp..................Bag of 16 410155-16
Coupler ....Bag of 10 401330-10

SignBOX™ II is covered by US and foreign patents pending.

Power Supply Capacity

Item description (Part number)	Power output	SignBOX II Single-sided	SignBOX II Double-sided
Modules per meter/foot		10/3	10/3
Self-Contained 20 W[1] [701680]	20 W	2.0 m (6.6 ft)/20 mods	1.0 m (3.3 ft)/10 mods
Compact 12/25 W [410174]	25 W	2.5 m (8.3 ft)/25 mods	1.3 m (4.2 ft)/13 mods
60C1 60 W [701507-60C1] 60W1 60 W [701507-60W1] 60W2 60 W [701507-60W2] MODW(E) 60 W [701507-MODW(E)] MOD277 60 W [701507-MOD277]	60 W	6.1 m (20 ft)/60 mods	3.0 m (10 ft)/30 mods
120D1 120 W [701507-120D1]	120 W	12.2 m (40 ft) (60 mods × 2)	6.1 m (20 ft) (30 mods × 2)
Watts per module		0.90	1.80

1 U.S. and Canada only.

NOTE: When mixing modules of different sizes/colors or various products on the same power supply, simply add all the power requirements for the respective footages of each product. Then choose appropriate power supplies to provide adequate power output. The actual number of power supplies needed may vary based on how the materials are distributed across the project.

Accessories

Clamp
410155-16
Each carton of SignBOX II comes with 8 clamps.

Bracket
401309-10
Optional – Sold in bags of 10.

Coupler
401330-10
Optional – Sold in bags of 10.

Visit product page for details.

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